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IAP6 Rec'd PCT/PTO 17 JAN 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92718

Haruo IMAWAKA, et al.

Appln. No.: National Stage Entry of PCT/JP2004/010366

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: January 17, 2006

Examiner: Unknown

For: BRANCHED CARBOXYLIC ACID COMPOUND AND USE THEREOF

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith on CD-ROM, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

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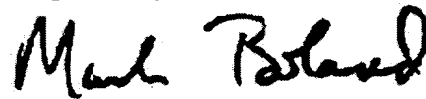
INFORMATION DISCLOSURE STATEMENT
National Stage Entry of PCT/JP2004/010366

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2003/010366 dated November 22, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Mark Boland
Registration No. 32,197

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

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Date: January 17, 2006

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Substitute for Form 1449 A & B/PTO <u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u> (use as many sheets as necessary)				Complete if Known	
		Application Number		National Stage Entry of PCT/JP2004/010366	
		Confirmation Number		Unknown	
		Filing Date		January 17, 2006	
		First Named Inventor		Haruo IMAWAKA	
		Art Unit		Unknown	
		Examiner Name		Unknown	
		Attorney Docket Number		Q92718	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	60-4182	A	01-11-1985	Yamanouchi Pharmaceutical Co., Ltd.	
		JP	4-279576	A	10-05-1992	Tanabe Seiyaku Co., Ltd.	
		JP	62-277375	A	12-02-1987	BASF AG.	
		WO	03/07992	A1	01-30-2003	Ono Pharmaceutical Co., Ltd.	
		JP	7-316092	A	12-05-1995	Ono Pharmaceutical Co., Ltd.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		International Search Report dated November 22, 2004	
		Anthony J. Manny, et al., "Reinvestigation of the sulfuric acid-catalyzed cyclization of brominated 2-alkyllevulinic acids to 3-alkyl -5-methylene-2 (5H)-furanones, Tetrahedron", 1997, 15813 to 15826	
		Howard T. Black, et al., "Synthesis of 3, 5-disubstituted butenolides. A short preparation of volatile streptomyces lactones, Synthetic Communications", 1995, 25 (4), 479-483	
		Norihiko Yoneda, et al., "Reaction behavior of carbon-carbon and carbon-hydrogen bonds in super acids. Carboxylation of alkyl methyl ketones with carbon monoxide and water", Chemistry Letters, 1983, (1), 19-20	
		Hermann Stetter, et al., "Addition of aldehydes to activated double bonds. XXV. Syntheses and reactions of branched tri-carbonyl compounds", Chemische Berichte, 1981, 114 (2), 564-580	
		Tomoyuki Hasegawa, et al., "A practical synthesis of optically active (R) -2-propyloctanoic acid: therapeutic agent for Alzheimer's disease", Bulletin of the Chemistry Society of Japan, 2000. 73 (2), 423-428	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.